

10/770885

=> d his full

(FILE 'HOME' ENTERED AT 12:29:01 ON 07 MAY 2010)

FILE 'ZCPLUS' ENTERED AT 12:29:23 ON 07 MAY 2010
E US2004-770885/APPS
E US2003-444228P/APPS

FILE 'ZCPLUS' ENTERED AT 12:31:53 ON 07 MAY 2010
L1 216 SEA SPE=ON ABB=ON PLU=ON HOSTETLER K?/AU,AUTH
L2 437 SEA SPE=ON ABB=ON PLU=ON FREEMAN W?/AU,AUTH
L3 5981 SEA SPE=ON ABB=ON PLU=ON CHENG L?/AU,AUTH
L4 4 SEA SPE=ON ABB=ON PLU=ON L1 AND L2 AND L3
L5 4 SEA SPE=ON ABB=ON PLU=ON L1 AND (L2 OR L3)
L6 18 SEA SPE=ON ABB=ON PLU=ON L2 AND L3
L7 18 SEA SPE=ON ABB=ON PLU=ON (L4 OR L5 OR L6)
SEL RN

FILE 'REGISTRY' ENTERED AT 12:32:58 ON 07 MAY 2010
L8 52 SEA SPE=ON ABB=ON PLU=ON (50-02-2/BI OR 7631-86-9/BI OR
113852-37-2/BI OR 127464-60-2/BI OR 192329-42-3/BI OR 343248-25
-9/BI OR 51-21-8/BI OR 7440-21-3/BI OR 81669-70-7/BI OR
82410-32-0/BI OR 9039-53-6/BI OR 1031206-36-6/BI OR 111-25-1/BI
OR 113892-17-4/BI OR 127757-45-3/BI OR 13159-24-5/BI OR
141907-41-7/BI OR 146480-35-5/BI OR 146480-36-6/BI OR 161384-17
-4/BI OR 175865-60-8/BI OR 179603-61-3/BI OR 179612-90-9/BI OR
197980-93-1/BI OR 2136-72-3/BI OR 214334-87-9/BI OR 216974-75-3
/BI OR 23377-40-4/BI OR 246027-42-9/BI OR 25038-76-0/BI OR
26023-30-3/BI OR 26680-10-4/BI OR 2969-81-5/BI OR 304855-41-2/B
I OR 3599-32-4/BI OR 363-24-6/BI OR 37259-53-3/BI OR 51224-10-3
/BI OR 59865-13-3/BI OR 637024-22-7/BI OR 67-68-5/BI OR
68737-67-7/BI OR 74-88-4/BI OR 76-25-5/BI OR 7664-39-3/BI OR
79955-99-0/BI OR 849364-04-1/BI OR 9012-76-4/BI OR 912635-38-2/
BI OR 92999-29-6/BI OR 959141-98-1/BI OR 959141-99-2/BI)
D SCA
L9 1 SEA SPE=ON ABB=ON PLU=ON L8 AND 19/C
D SCA

FILE 'ZCPLUS' ENTERED AT 12:49:59 ON 07 MAY 2010
L10 37 SEA SPE=ON ABB=ON PLU=ON L9
L11 0 SEA SPE=ON ABB=ON PLU=ON L9/D

FILE 'REGISTRY' ENTERED AT 12:50:27 ON 07 MAY 2010
L12 1 SEA SPE=ON ABB=ON PLU=ON GUANOSINE/CN
D SCA
L13 1 SEA SPE=ON ABB=ON PLU=ON CIDOFUVIR/CN
L14 1 SEA SPE=ON ABB=ON PLU=ON GANCICLOVIR/CN
L15 3 SEA SPE=ON ABB=ON PLU=ON (L12 OR L13 OR L14)
SEL RN
L16 123 SEA SPE=ON ABB=ON PLU=ON (113852-37-2/CRN OR 118-00-3/CRN
OR 82410-32-0/CRN)
SEL RN L9
L17 0 SEA SPE=ON ABB=ON PLU=ON 23377-40-4/CRN
L18 126 SEA SPE=ON ABB=ON PLU=ON L15 OR L16

FILE 'ZCPLUS' ENTERED AT 12:51:56 ON 07 MAY 2010
L19 5 SEA SPE=ON ABB=ON PLU=ON L18 AND L10
D SCA
L20 3 SEA SPE=ON ABB=ON PLU=ON HDP CCDV/BI

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D SCA
SEL RN

FILE 'REGISTRY' ENTERED AT 13:08:04 ON 07 MAY 2010

L21 23 SEA SPE=ON ABB=ON PLU=ON (343248-25-9/BI OR 113852-37-2/BI
OR 127757-45-3/BI OR 444805-28-1/BI OR 126614-26-4/BI OR
134678-17-4/BI OR 142276-30-0/BI OR 2136-72-3/BI OR 23377-40-4/
BI OR 30516-87-1/BI OR 3056-17-5/BI OR 343248-28-2/BI OR
343248-29-3/BI OR 36791-04-5/BI OR 444805-26-9/BI OR 54-42-2/BI
OR 558-13-4/BI OR 59277-89-3/BI OR 69123-98-4/BI OR 69655-05-6
/BI OR 7481-89-2/BI OR 82410-32-0/BI OR 84604-69-3/BI)
D SCA
E HDP-CCDV/CN

L22 1 SEA SPE=ON ABB=ON PLU=ON HDP-CCDV/CN
D SCA
D IDE

L23 0 SEA SPE=ON ABB=ON PLU=ON ?CIDOFOVIR?/CNS AND ?CYCLOXY?/CNS

L24 7 SEA SPE=ON ABB=ON PLU=ON ?CYCLOXY?/CNS
D SCA

L25 3 SEA SPE=ON ABB=ON PLU=ON L24 AND NC<2
D IDE 1-3

FILE 'REGISTRY' ENTERED AT 13:15:43 ON 07 MAY 2010

D IDE L22 1
L26 STRUCTURE uploaded
L27 STRUCTURE uploaded
L28 8 SEA SSS SAM L26 AND L27
D SCA
L29 50 SEA SSS SAM L26
L30 STRUCTURE uploaded
L31 11 SEA SSS SAM L30
L32 SCREEN 1008
L33 20 SEA SSS SAM L30 AND L32
L34 SCREEN 1009
L35 28 SEA SSS SAM L30 AND L34
L36 25372 SEA SSS FUL L30 AND L34
SAVE TEMP L36 MAE885STR130/A
L37 5 SEA SUB=L36 SSS SAM L27
L38 66 SEA SUB=L36 SSS FUL L27

FILE 'ZCAPLUS' ENTERED AT 13:26:50 ON 07 MAY 2010

L39 48 SEA SPE=ON ABB=ON PLU=ON L38
L40 156064 SEA SPE=ON ABB=ON PLU=ON EYE/BI
L41 34423 SEA SPE=ON ABB=ON PLU=ON ?OCULAR?/BI
L42 6803 SEA SPE=ON ABB=ON PLU=ON ?MACULAR?/BI
L43 62709 SEA SPE=ON ABB=ON PLU=ON ?RETINA?/BI
L44 21988 SEA SPE=ON ABB=ON PLU=ON ?CORNEA?/BI
E EYE+ALL/CT
L45 168302 SEA SPE=ON ABB=ON PLU=ON EYE?/BI
L46 4467 SEA SPE=ON ABB=ON PLU=ON ?LACRIMA?/BI
L47 1977 SEA SPE=ON ABB=ON PLU=ON AMACRIN?/BI
L48 888 SEA SPE=ON ABB=ON PLU=ON MULLER CELL?/BI
L49 28223 SEA SPE=ON ABB=ON PLU=ON ?OPHTHALM?/BI
L50 21025 SEA SPE=ON ABB=ON PLU=ON VISION?/BI
L51 49714 SEA SPE=ON ABB=ON PLU=ON PHOTORECEPT?/BI
E E25=ALL/CT
E EYE, DISEASE+ALL/CT
E EYE, DISEASE+ALL/CT
L52 1897 SEA SPE=ON ABB=ON PLU=ON ACANTHAMOEBA/BI
L53 2033 SEA SPE=ON ABB=ON PLU=ON BEHCET?/BI

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L54	3876	SEA SPE=ON	ABB=ON	PLU=ON	BLINDNESS/BI
L55	805	SEA SPE=ON	ABB=ON	PLU=ON	NEURONAL CEROID?/BI
L56	10990	SEA SPE=ON	ABB=ON	PLU=ON	CATARACT?/BI
L57	373	SEA SPE=ON	ABB=ON	PLU=ON	PTERYGIUM/BI
L58	11665	SEA SPE=ON	ABB=ON	PLU=ON	?GLAUCOMA?/BI
L59	1311127	SEA SPE=ON	ABB=ON	PLU=ON	OPTIC?/BI
L60	4114	SEA SPE=ON	ABB=ON	PLU=ON	?RETINITIS?/BI
L61	434	SEA SPE=ON	ABB=ON	PLU=ON	RHINOCONJUNCTIVITIS/BI
L62	3774	SEA SPE=ON	ABB=ON	PLU=ON	UVEITIS/BI
L63	468	SEA SPE=ON	ABB=ON	PLU=ON	UVEORETINITIS/BI
L64	165009	SEA SPE=ON	ABB=ON	PLU=ON	VISUAL?/BI
L65	158	SEA SPE=ON	ABB=ON	PLU=ON	ASTHENOPIA?/BI
L66	71	SEA SPE=ON	ABB=ON	PLU=ON	COGAN#/BI
L67	9852	SEA SPE=ON	ABB=ON	PLU=ON	CONJUNCTIV?/BI
L68	11784	SEA SPE=ON	ABB=ON	PLU=ON	?CONJUNCTIV?/BI
L69	1771	SEA SPE=ON	ABB=ON	PLU=ON	?PEMPHIGOID?/BI
L70	2591	SEA SPE=ON	ABB=ON	PLU=ON	?PTERYGIUM?/BI
L71	479	SEA SPE=ON	ABB=ON	PLU=ON	?XEROPHTHALMIA?/BI
L72	11	SEA SPE=ON	ABB=ON	PLU=ON	GROENOUW?/BI
L73	16	SEA SPE=ON	ABB=ON	PLU=ON	STROMAL DYSTROP?/BI
L74	39	SEA SPE=ON	ABB=ON	PLU=ON	LEUKOMA/BI
L75	27	SEA SPE=ON	ABB=ON	PLU=ON	ARCUS SENILIS/BI
L76	7977	SEA SPE=ON	ABB=ON	PLU=ON	IRIS/BI
L77	1031	SEA SPE=ON	ABB=ON	PLU=ON	CHANDLER?/BI
L78	2611	SEA SPE=ON	ABB=ON	PLU=ON	KERATITIS/BI
L79	232	SEA SPE=ON	ABB=ON	PLU=ON	KERATOCONUS/BI
L80	704	SEA SPE=ON	ABB=ON	PLU=ON	TRACHOMA/BI
L81	283	SEA SPE=ON	ABB=ON	PLU=ON	ANIRIDIA/BI
L82	137	SEA SPE=ON	ABB=ON	PLU=ON	WAGR/BI
L83	111	SEA SPE=ON	ABB=ON	PLU=ON	BLEPHAROPHIMOSIS/BI
L84	227	SEA SPE=ON	ABB=ON	PLU=ON	COLOBOMA/BI
L85	58	SEA SPE=ON	ABB=ON	PLU=ON	ECTOPIA LENTIS/BI
L86	2	SEA SPE=ON	ABB=ON	PLU=ON	HYDROPHTHALMOS/BI
L87	1229	SEA SPE=ON	ABB=ON	PLU=ON	MICROPHTHALMIA/BI
L88	61814	SEA SPE=ON	ABB=ON	PLU=ON	PERSISTENT/BI
L89	872	SEA SPE=ON	ABB=ON	PLU=ON	UVEAL?/BI
L90	5562	SEA SPE=ON	ABB=ON	PLU=ON	PUPIL?/BI
L91	47788	SEA SPE=ON	ABB=ON	PLU=ON	VITREOUS?/BI
L92	6	SEA SPE=ON	ABB=ON	PLU=ON	L39 AND (L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR L50 OR L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58 OR L59 OR L60 OR L61 OR L62 OR L63 OR L64 OR L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79 OR L80 OR L81 OR L82 OR L83 OR L84 OR L85 OR L86 OR L87 OR L88 OR L89 OR L90 OR L91) D SCA
L93	42	SEA SPE=ON	ABB=ON	PLU=ON	L39 NOT L92 D SCA SEL HIT RN L92

FILE 'REGISTRY' ENTERED AT 13:52:27 ON 07 MAY 2010

L94 8 SEA SPE=ON ABB=ON PLU=ON (343248-25-9/BI OR 444805-28-1/BI
OR 343248-27-1/BI OR 343248-29-3/BI OR 444805-26-9/BI OR
496765-78-7/BI OR 496765-79-8/BI OR 496765-80-1/BI)
D SCA

FILE 'STNGUIDE' ENTERED AT 13:52:55 ON 07 MAY 2010

FILE 'ZCAPLUS' ENTERED AT 14:07:16 ON 07 MAY 2010
L95 1 SEA SPE=ON ABB=ON PLU=ON L19 AND (L40 OR L41 OR L42 OR L43

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OR L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR L50 OR L51 OR L52
OR L53 OR L54 OR L55 OR L56 OR L57 OR L58 OR L59 OR L60 OR L61
OR L62 OR L63 OR L64 OR L65 OR L66 OR L67 OR L68 OR L69 OR L70
OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79
OR L80 OR L81 OR L82 OR L83 OR L84 OR L85 OR L86 OR L87 OR L88
OR L89 OR L90 OR L91)

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 14:07:49 ON 07 MAY 2010

FILE 'REGISTRY' ENTERED AT 14:07:53 ON 07 MAY 2010

L96 SET SMARTSELECT ON
SEL PLU=ON L38 1- CHEM : 74 TERMS
SET SMARTSELECT OFF

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 14:07:56 ON 07 MAY 2010

L97 103 SEA SPE=ON ABB=ON PLU=ON L96
L98 28 SEA SPE=ON ABB=ON PLU=ON L97 AND (L40 OR L41 OR L42 OR L43
OR L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR L50 OR L51 OR L52
OR L53 OR L54 OR L55 OR L56 OR L57 OR L58 OR L59 OR L60 OR L61
OR L62 OR L63 OR L64 OR L65 OR L66 OR L67 OR L68 OR L69 OR L70
OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79
OR L80 OR L81 OR L82 OR L83 OR L84 OR L85 OR L86 OR L87 OR L88
OR L89 OR L90 OR L91)
L99 43 SEA SPE=ON ABB=ON PLU=ON L4
L100 10 SEA SPE=ON ABB=ON PLU=ON L99 AND L97
L101 58 SEA SPE=ON ABB=ON PLU=ON (L1 OR L2 OR L3) AND L97
L102 36 DUP REM L101 (22 DUPLICATES REMOVED)
ANSWERS '1-11' FROM FILE MEDLINE
ANSWERS '12-14' FROM FILE EMBASE
ANSWERS '15-36' FROM FILE BIOSIS
L103 16 SEA SPE=ON ABB=ON PLU=ON L98 AND (L1 OR L2 OR L3)

FILE 'REGISTRY' ENTERED AT 14:13:56 ON 07 MAY 2010

FILE 'ZCPLUS' ENTERED AT 14:14:00 ON 07 MAY 2010

D STAT QUE L4
L104 7 SEA SPE=ON ABB=ON PLU=ON (L1 OR L2 OR L3) AND (L19 OR L92
OR L95)
L105 31 SEA SPE=ON ABB=ON PLU=ON (L1 OR L2 OR L3) AND L38
L106 7 SEA SPE=ON ABB=ON PLU=ON (L1 OR L2 OR L3) AND (L19 OR L92
OR L95)

FILE 'REGISTRY' ENTERED AT 14:16:37 ON 07 MAY 2010

FILE 'ZCPLUS' ENTERED AT 14:16:39 ON 07 MAY 2010

D STAT QUE L4
D STAT QUE L106
L107 9 SEA SPE=ON ABB=ON PLU=ON L106 OR L4

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 14:17:02 ON 07 MAY 2010

D STAT QUE L103
FILE 'ZCPLUS, MEDLINE, EMBASE, BIOSIS' ENTERED AT 14:17:14 ON 07 MAY 2010
L108 18 DUP REM L107 L103 (7 DUPLICATES REMOVED)
ANSWERS '1-9' FROM FILE ZCPLUS
ANSWER '10' FROM FILE MEDLINE
ANSWERS '11-12' FROM FILE EMBASE
ANSWERS '13-18' FROM FILE BIOSIS
D IBIB ABS HITIND HITSTR L108 1-9
D IALL L108 10-18

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FILE 'REGISTRY' ENTERED AT 14:18:16 ON 07 MAY 2010

FILE 'ZCPLUS' ENTERED AT 14:18:18 ON 07 MAY 2010

D STAT QUE L19

D STAT QUE L92

D STAT QUE L95

L109 10 SEA SPE=ON ABB=ON PLU=ON L19 OR L92 OR L95

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 14:19:15 ON 07 MAY 2010

D STAT QUE L98

FILE 'ZCPLUS, MEDLINE, EMBASE, BIOSIS' ENTERED AT 14:19:29 ON 07 MAY 2010

L110 27 DUP REM L109 L98 (11 DUPLICATES REMOVED)

ANSWERS '1-10' FROM FILE ZCPLUS

ANSWERS '11-12' FROM FILE MEDLINE

ANSWERS '13-21' FROM FILE EMBASE

ANSWERS '22-27' FROM FILE BIOSIS

D IALL HITSTR L110 1-10

D IALL L110 11-27

FILE HOME

FILE ZCPLUS

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FILE COVERS 1907 - 7 May 2010 VOL 152 ISS 20

FILE LAST UPDATED: 6 May 2010 (20100506/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

ZCplus now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 MAY 2010 HIGHEST RN 1221639-82-2

DICTIONARY FILE UPDATES: 6 MAY 2010 HIGHEST RN 1221639-82-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

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TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 30, 2010 (20100430/UP).

FILE MEDLINE
FILE LAST UPDATED: 6 May 2010 (20100506/UP). FILE COVERS 1947 TO DATE.

MEDLINE and LMEDLINE have been updated with the 2010 Medical Subject Headings (MeSH) vocabulary and tree numbers from the U.S. National Library of Medicine (NLM). Additional information is available at

http://www.nlm.nih.gov/pubs/techbull/nd09/nd09_medline_data_changes_2010.html

The Medline file has been reloaded effective January 24, 2010. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

FILE EMBASE
FILE COVERAGE: EMBASE-originated material 1974 to 6 May 2010 (20100506/ED
Unique MEDLINE content 1948 to present

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

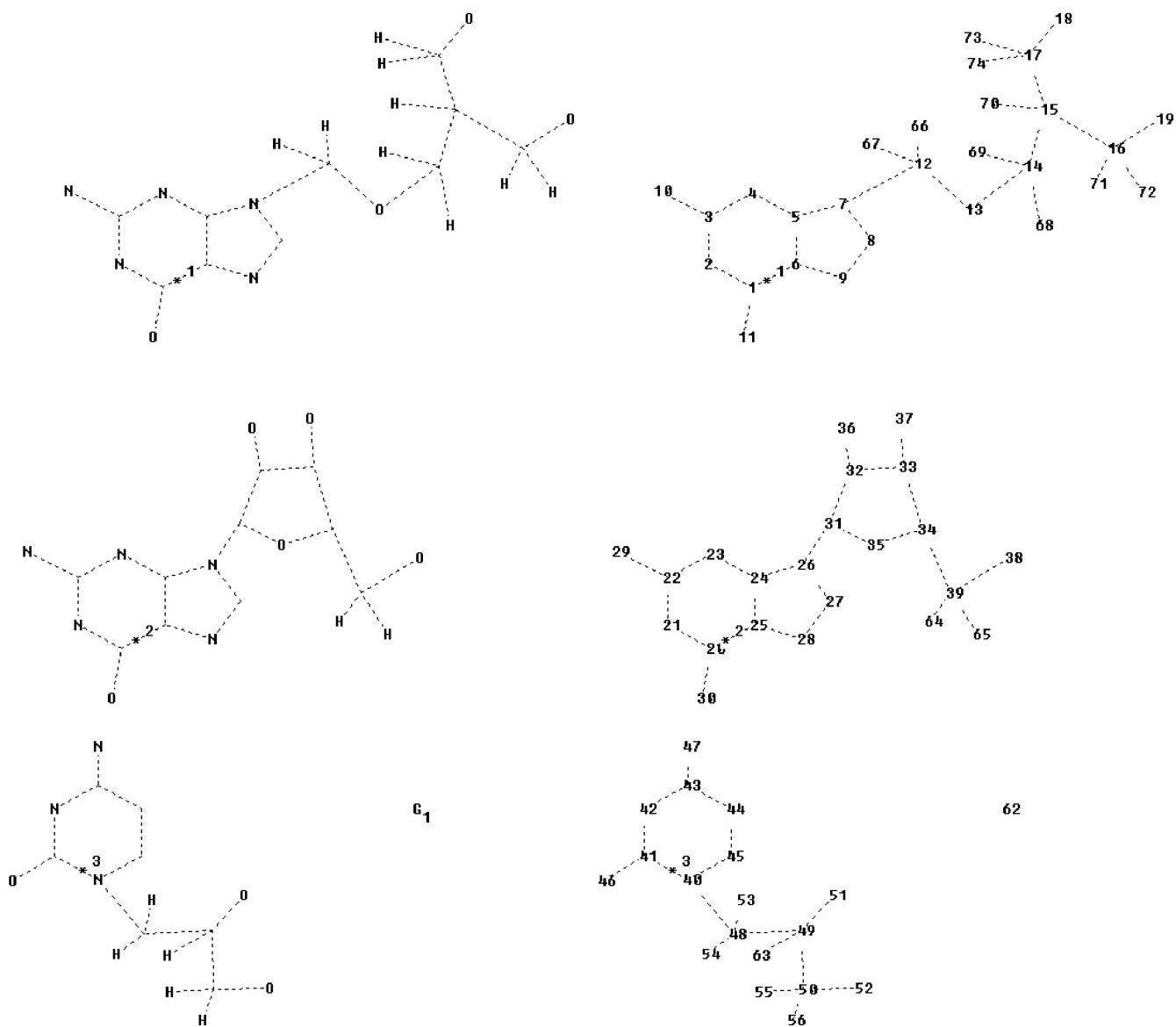
For further assistance, please contact your local helpdesk.

FILE BIOSIS
FILE COVERS 1926 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 5 May 2010 (20100505/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

Uploading L27.str



chain nodes :

11 30 46 53 54 55 56 62 63 64 65 66 67 68 69 70 71 72 73 74

ring nodes :

1 2 3 4 5 6 7 8 9 20 21 22 23 24 25 26 27 28 31 32 33 34 35
40 41 42 43 44 45

ring/chain nodes :

10 12 13 14 15 16 17 18 19 29 36 37 38 39 47 48 49 50 51 52

chain bonds :

1-11 12-66 12-67 14-68 14-69 15-70 16-71 16-72 17-73 17-74 20-30 39-64
39-65 41-46 48-53 48-54 49-63 50-55 50-56

ring/chain bonds :

3-10 7-12 12-13 13-14 14-15 15-16 15-17 16-19 17-18 22-29 26-31 32-36
33-37 34-39 38-39 40-48 43-47 48-49 49-50 49-51 50-52

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 20-21 20-25 21-22 22-23 23-24
24-25 24-26 25-28 26-27 27-28 31-32 31-35 32-33 33-34 34-35 40-41 40-45

41-42 42-43

43-44 44-45

exact/norm bonds :

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1-2	1-6	1-11	2-3	3-4	3-10	4-5	5-6	5-7	6-9	7-8	7-12	8-9	12-13	12-66
12-67	13-14	14-15	14-68	14-69	15-16	15-17	15-70	16-19	16-71	16-72	17-18			
17-73	17-74													
20-21	20-25	20-30	21-22	22-23	22-29	23-24	24-25	24-26	25-28	26-27	26-31			
27-28	31-32	31-35												
32-33	32-36	33-34	33-37	34-35	34-39	38-39	39-64	39-65	40-41	40-45	40-48			
41-42	41-46													
42-43	43-44	43-47	44-45	48-49	48-53	48-54	49-50	49-51	49-63	50-52	50-55			
50-56														

G1:[*1], [*2], [*3]

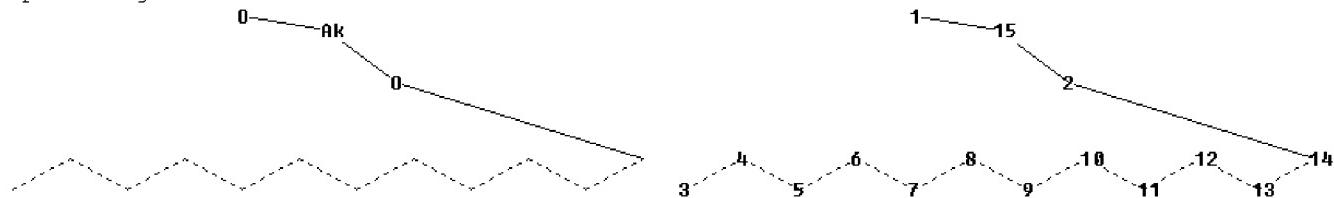
Connectivity :

11:1 E exact RC ring/chain 30:1 E exact RC ring/chain 46:1 E exact RC ring/chain

Match level :

1:Atom	2:Atom	3:Atom	4:Atom	5:Atom	6:Atom	7:Atom	8:Atom	9:Atom	10:CLASS
11:CLASS	12:CLASS	13:CLASS	14:CLASS	15:CLASS	16:CLASS	17:CLASS	18:CLASS		
19:CLASS	20:Atom								
21:Atom	22:Atom	23:Atom	24:Atom	25:Atom	26:Atom	27:Atom	28:Atom	29:CLASS	
30:CLASS	31:Atom								
32:Atom	33:Atom	34:Atom	35:Atom	36:CLASS	37:CLASS	38:CLASS	39:CLASS	40:Atom	
41:Atom	42:Atom								
43:Atom	44:Atom	45:Atom	46:CLASS	47:CLASS	48:CLASS	49:CLASS	50:CLASS		
51:CLASS	52:CLASS								
53:CLASS	54:CLASS	55:CLASS	56:CLASS	62:CLASS	63:CLASS	64:CLASS	65:CLASS		
66:CLASS	67:CLASS								
68:CLASS	69:CLASS	70:CLASS	71:CLASS	72:CLASS	73:CLASS	74:CLASS			

Uploading L30.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

1-15 2-14 2-15 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14

exact/norm bonds :

3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14

exact bonds :

1-15 2-14 2-15

Connectivity :

15:2 E exact RC ring/chain

Match level :

1:CLASS	2:CLASS	3:CLASS	4:CLASS	5:CLASS	6:CLASS	7:CLASS	8:CLASS	9:CLASS
10:CLASS	11:CLASS	12:CLASS	13:CLASS	14:CLASS	15:CLASS			

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